IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Carlos Ricci et al.

Docket:

13569.0042US01

Title:

NEURAL NETWORK BASED LEARNING ENGINE TO ADAPT THERAPIES

CERTIFICATE UNDER 37 CFR 1.10

Express Mail' mailing label number: EV 359707830 US

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I hereby certify that this paper or fee is being deposited with the United States Postal Service Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents,

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By: Alan G. Gorman

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.

Utility Patent Application: Spec. 26 pgs; 10 claims; Abstract 1 pgs.

The fee has been calculated as shown below in the 'Claims as Filed' table.

A signed Combined Declaration and Power of Attorney

Assignment of the invention to Cardiac Pacemakers, Inc., Recordation Form Cover Sheet

Authorization to charge Deposit Account No. 13-2725 in the amount of \$750.00 to cover the Filing Fee

Authorization to charge Deposit Account No. 13-2725 in the amount of \$40.00 to cover the Assignment Recording Fee.

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CLAIMS AS FILED

| Number of Claims Filed | | In Excess of: | | Number Extra | | Rate | | Fee |
|------------------------------|-----|---------------|---|-----------------|---|-------|---|----------|
| Basic Filing Fee | | | | | | | | \$750.00 |
| Total Claims | TT | | T | | | | | |
| 10 | 1-1 | 20 | = | 0 | х | 18.00 | = | \$0.00 |
| Independent Claims | | | | | | | | |
| 1 | T- | 3 | = | 0 | X | 84.00 | = | \$0.00 |
| MULTIPLE DEPENDENT CLAIM FEE | | | | | | | | \$0.00 |
| TOTAL FILING FEE | | | | | | | | \$750.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

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